

Multiple choice test 9 - Cells, Organisation and Infection

Quiz set by Mrs. L. OLIVER for Year 11/11S/Sc5

1) Which of the following is not a job carried out by a white blood cell?

- antibody production
- antigen production
- phagocytosis
- antitoxin production

2) Which pathogen is treated by using antibiotics?

- Fungi
- Protist
- Virus
- Bacteria

3) What is the role of the stomata and guard cells?

- To take in water through osmosis
- To control gas exchange and water loss
- To transport food from leaves to the rest of the plant
- To transport water and minerals from the roots to the leaves

4) What is used to measure the rate transpiration?

- A photometer
- A potatometer
- portameter
- A potometer

5) Which of the following is not a plant tissue?

- spongy mesophyll
- leaf
- xylem
- phloem

6) Which of the following is a wire mesh used to keep coronary arteries open?

- Stents
- Artificial heart
- Statins
- Valves

7) Which of the following is not transported in the blood plasma?

- Oxygen
- Carbon Dioxide
- Glucose
- Hormones

8) Which of the following statements is true?

- Proteases break down proteins to amino acids
- Proteases break down proteins to fatty acids
- Proteases break down proteins to sugar
- Proteases break down proteins to glycerol

9) Which organ does not produce digestive enzymes?

- Stomach
- Liver
- Small Intestine
- Pancreas

10) Which of the following is not adapted for exchanging materials?

- Roots and leaves in plants
- Small intestine and lungs in mammals
- Active site of an enzyme

- Gills in fish

11) During mitosis what is doubled and then divided into two identical cells?

- The chloroplasts
- The cytoplasm
- The cell membrane
- The genetic material

12) Which of the following is not an aseptic technique?

- Incubating at 37C in a school laboratory
- Sterilising the culture media before use.
- Passing inoculating loops through a flame
- Using ethanol to clean contaminated equipment

13) Which of the following is not a specialised cell in a plant?

- phloem
- root hair cells
- xylem
- ciliated epithelium

14) Which of the following is not in a bacterial cell?

- Cell wall
- Cytoplasm
- Cell membrane
- Nucleus

15) What is injected during a vaccination?

- A synthetic form of the pathogen
- A high concentration of the active pathogen
- Dead or inactive forms of the pathogen
- Living forms of the pathogen



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